



Query Match 100.0%; Score 110; DB 2; Length 371;  
Best Local Similarity 100.0%; Pred. No. 1.29e+04;  
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Db 356 KNSGKKEEVLQSRN 371  
QY 1 KNSGKKEEVLQSRN 16

RESULT 2  
ID US-07-920-281C-2 STANDARD: PRT: 2431 AA.

AC xxxxxx

DE Sequence 2, Application US/07920281C

CC Sequence 2, Application US/07920281C  
CC Patent No. 5739026

CC GENERAL INFORMATION:

CC APPLICANT: Garoff, Henrik

CC APPLICANT: Liljestrom, Peter

CC TITLE OF INVENTION: DNA Expression Systems Based on

CC NUMBER OF SEQUENCES: 27

CC CORRESPONDENCE ADDRESS:

CC ADDRESSEE: Birch, Stewart, Kolasch & Birch

CC STREET: P.O. Box 747

CC CITY: Falls Church

CC STATE: Virginia

CC COUNTRY: USA

CC ZIP: 22040-0747

CC COMPUTER READABLE FORM:

CC MEDIUM TYPE: Floppy disk

CC OPERATING SYSTEM: PC-DOS/MS-DOS

CC SOFTWARE: Patentin Release #1.0, Version #1.25

CC CURRENT APPLICATION DATA:

CC APPLICATION NUMBER: US/07/920,281C

CC FILING DATE: 13-AUG-1992

CC CLASSIFICATION: 435

CC ATTORNEY/AGENT INFORMATION:

CC NAME: Murphy Jr., Gerald M.

CC REGISTRATION NUMBER: 28,977

CC REFERENCE/DOCKET NUMBER: 828-103P

CC TELECOMMUNICATION INFORMATION:

CC TELEPHONE: 703-241-1300

CC TELEFAX: 703-241-2848

CC TELEX: 248345

CC INFORMATION FOR SEQ ID NO: 2:

CC SEQUENCE CHARACTERISTICS:

CC LENGTH: 2431 amino acids

CC TYPE: amino acid

CC TOPOLOGY: linear

CC MOLECULE TYPE: protein

CC SEQUENCE 2431 AA; 269357 MW; 30290512 CN;

Db 197 ATNMADEQVLQARN 210  
QY 3 SSGKKEEVLQSRN 16

Query Match 64.5%; Score 71; DB 1; Length 2431;  
Best Local Similarity 50.0%; Pred. No. 1.86e+00;  
Matches 7; Conservative 5; Mismatches 2; Indels 0; Gaps 0;

RESULT 3  
ID US-08-537-400-18 STANDARD: PRT: 60 AA.

AC xxxxxx

DT Sequence 18, Application US/08537400  
DE Sequence 18, Application US/08537400  
XX Patent No. 5939301

CC GENERAL INFORMATION:

CC APPLICANT:

CC TITLE OF INVENTION: Cloned DNA Polymerases From Thermotoga

CC TITLE OF INVENTION: neapolitana And Mutants Thereof

CC NUMBER OF SEQUENCES: 37

CC CORRESPONDENCE ADDRESS:

CC ADDRESSEE: STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.

CC STREET: 1100 New York Avenue, N.W., Suite 600

CC CITY: Washington

CC STATE: DC

CC COUNTRY: USA

CC ZIP: 20005

CC COMPUTER READABLE FORM:

CC MEDIUM TYPE: Floppy disk

CC COMPUTER: IBM PC compatible

CC OPERATING SYSTEM: PC-DOS/MS-DOS

CC SOFTWARE: Patentin Release #1.0, Version #1.30

CC CURRENT APPLICATION DATA:

CC APPLICATION NUMBER: US/08/537,400

CC FILING DATE: 02-OCT-1995

CC CLASSIFICATION: 435

CC PRIOR APPLICATION DATA:

CC APPLICATION NUMBER: US 08/316,423

CC FILING DATE: 30-SEP-1994

CC PRIOR APPLICATION DATA:

CC APPLICATION NUMBER: US 08/370,190

CC FILING DATE: 09-JAN-1995

CC ATTORNEY/AGENT INFORMATION:

CC NAME: Remond, Robert W.

CC REGISTRATION NUMBER: 32,893

CC REFERENCE/DOCKET NUMBER: 0942.2800002

CC TELECOMMUNICATION INFORMATION:

CC TELEPHONE: 202-371-2600

CC TELEFAX: 202-371-2540

CC INFORMATION FOR SEQ ID NO: 18:

CC SEQUENCE CHARACTERISTICS:

CC LENGTH: 60 amino acids

CC TYPE: amino acid

CC STRANDEDNESS: single

CC TOPOLOGY: linear

CC MOLECULE TYPE: protein

CC SEQUENCE 60 AA; 7002 MW; 16647 CN;

Query Match 58.2%; Score 64; DB 2; Length 60;  
Best Local Similarity 50.0%; Pred. No. 9.40e+00;  
Matches 6; Conservative 5; Mismatches 1; Indels 0; Gaps 0;

Db 31 RNATGKDGELL 42  
QY 1 KNSGKKEEVL 12

RESULT 4  
ID US-08-801-263A-2 STANDARD: PRT: 2500 AA.

AC xxxxxx

DE Sequence 2, Application US/08801263A  
CC Sequence 2, Application US/08801263A  
CC Patent No. 5811407

CC GENERAL INFORMATION:

CC APPLICANT: Johnston, Robert E.

CC APPLICANT: Davis, Nancy L.

CC APPLICANT: Simpson, Dennis A.